STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING FORM 3 AMENDED REPORT							
APPLICATION FOR PERMIT TO DRILL					1. WELL NAME and NUMBER Thurston 10-7-9-24		
2. TYPE OF WORK DRILL NEW WELL REENTER P&A WELL DEEPEN WELL					3. FIELD OR WILDCAT BIG VALLEY		
4. TYPE OF WELL Gas Well Coalbed Methane Well: NO					5. UNIT or COMMUNITIZATION AGREEMENT NAME		
6. NAME OF OPERATOR THURSTON ENERGY OPERATING					7. OPERATOR PHONE 214 704-3896		
8. ADDRESS OF OPERATOR 365 W. 50 N. Ste W-8, Vernal, UT, 84078					9. OPERATOR E-MAIL rcurton@thurstonenergy.com		
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) U-0145459	RSHIP IAN STATE (FEE (12. SURFACE OWNERSHIP FEDERAL INDIAN STATE FEE				
13. NAME OF SURFACE OWNER (if box 12 = 'fee')					14. SURFACE OWNER PHONE (if box 12 = 'fee')		
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')					16. SURFACE OWNER E-MAIL (if box 12 = 'fee')		
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES (Submit Commingling Application) NO (iii)			19. SLANT VERTICAL DIRECTIONAL HORIZONTAL		
20. LOCATION OF WELL	FO	OTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE 1942 F		SL 2023 FEL	NWSE	7	9.0 S	24.0 E	S
Top of Uppermost Producing Zone 1942 F		SL 2023 FEL	NWSE	7	9.0 S	24.0 E	S
At Total Depth	Depth 1942 FSL		NWSE	7	9.0 S	24.0 E	S
21. COUNTY UINTAH 22. DISTANCE TO NEARES			EAREST LEASE LIN 698				
25. DISTANCE TO NEARE (Applied For Drilling or 0				pleted) MD: 8000 TVD: 8000)	
27. ELEVATION - GROUND LEVEL 5125		28. BOND NUMBER UT-000181			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE White River Permit #49-2286		
ATTACHMENTS							
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES							
WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER				COMPLETE DRILLING PLAN			
AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)				FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER			
DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY TOPOGRAPHICAL MAP							
NAME Russell H. Cox TITLE Operations Manager			r	PHONE 435 789-8580			
SIGNATURE DATE 12/27/2010				EMAIL russell.cox@thurstonenergy.com			
API NUMBER ASSIGNED APPROVAL 43047514290000				Broogill			
				Permit Manager			

NOTES:

NW $\frac{1}{4}$ SE $\frac{1}{4}$ OF SECTION 7, T9S, R24E,

S.L.B.&M., UINTAH COUNTY, UTAH.

T9S, R24E, S.L.B.&M. S89°47'W - 38.92 (G.L.O.) N89°43'W - 40.02 (G.L.O.) 20.02 (G.L.O.) 18.90 (G.L.O.) LOT 1 40°17'W - 40.13 (G.L.O.) THURSTON 10-7-9-24 (Proposed Well Head) LOT 2 NAD 83 LATITUDE = 40.04853° (40° 02' 54.69") LONGITUDE = 109.25457° (109° 15' 16.43") NAD 27 LATITUDE = 40.04856° (40° 02' 54.81") LONGITUDE = 109.25389° (109° 15' 14.00") N0°06'E - 80.12 (G.L.O.) Found 1977 Brass Cap 1' Above Ground N00°03'08"E (Basis of Bearings) LOT 3 Proposed 2023 **WELL LOCATION:** Well **THURSTON 10-7-9-24** ELEV. UNGRADED GROUND = 5125.1' LOT 4 Found 1977 Brass Cap 0.5 39.17 (G.L.O.) Above Ground 40.07 | (G.L.O.) 20.04 (G.L.O.) 19.13 (G.L.O.) Found 1977 N89°46'15"W - 2644.96' (Meas.) Brass Cap 0.3' Above Ground. N89°50'W - 79.24 (G.L.O.) Pile of Stones. 000 = Section Corners Located 1. Well footages are measured at right angles to the Section SCALE 2. Government Land Office (G.L.O.) distances are shown SURVEYOR'S CERTIFICATE in feet or chains. 1 chain = 66 feet. THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF A TUAL SURVEYS MADE BY ME OR UNDER MY SUPER VISION AND THAT THE SAME ARE TRUE AND CORRECTED THE BEST OF MY KNOWLEDGE AND RESERVING NO.6028691 3. Bearings are based on Global Positioning Satellite observations. 4. BASIS OF ELEVATION IS BENCH MARK 46 EAM LOCATED IN THE SW 1/4 OF SECTION 23, T9S, R24E, S.L.B.&M. THE ELEVATION OF THIS BENCH MARK IS SHOWN ON THE BONANZA 7.5 JOHN R MIN. QUADRANGLE AS BEING 5550'. GISTRATION NOT 602869 LY THURSTON ENERGY STATE OF UTAR COMMON **OPERATING COMPANY** (435) 789-1365 TIMBERLINE **LEGAL PLAT** ENGINEERING & LAND SURVEYING, INC. 209 NORTH 300 WEST - VERNAL, UTAH 84078 **THURSTON 10-7-9-24** SHEET DATE SURVEYED: SURVEYED BY: D.J.S. 1942' FSL, 2023' FEL 10-25-10

DATE DRAWN:

SCALE: i'' = 1000'

10-26-10

DRAWN BY: M.W.W.

OF 11

Date Last Revised:

'APIWellNo:43047514290000'